**US\_294157\_Cognizant: Get Status of Plaid Transaction Connection**

**Understanding of the requirement**

Get the status of plaid transaction connectivity in order to verify the connection is active or not.

**Assumptions**:

* Any changes made in Rent Track API call, will be notified

**High level Technical design and solution**

* 1. Impacted Modules

BCM Modules

* 1. Impacted Workflows
     1. Overview:

**RentTrack API: GET /api/tenant/payment\_accounts**

BCM will invoke the above payment account Rent Track API call to get the payment account details for the tenant user.

* + 1. API Involved:

**GET /api/tenant/payment\_accounts**

* + - * + BCM is the consumer
        + Error Codes:

200 - Returned when successful

204 - No content with such parameters

500 - Internal Server Error

* 1. DB Changes:

Customer Data and Auditing Table

Rent Track access token will be fetched from customer data based on ucid.

* 1. Dependencies

RentTrack API and Plaid connection

* 1. Blocker Inputs needed

N/A

* 1. Design Patterns considered and the chosen one

SOA

* 1. Sequence diagram

**Business** :

**Step 1 :**

BCM will receive the request for get the status of plaid transaction connection from the RSP(UI).

**Step 2:**

BCM will fetch the access token based on the ucid and brand of the customer.

**Step 3 :**

With the user access token, BCM will invoke the below Rent Track API call to get the active plaid payment account details for the tenant user.

**RentTrack API: GET /api/tenant/payment\_accounts**

**Response Payload :**

| Parameter | Type | Versions | Description |
| --- | --- | --- | --- |
| 200 - Returned when successful |  | | |
| [] | array of objects (Payment) | \* |  |
| [][id] | integer | \* |  |
| [][url] | string | \* |  |
| [][contract\_url] | string | \* |  |
| [][payment\_account\_url] | string | \* | Deprecated. Please, use {payment\_account.url} instead. |
| [][deposit\_account\_url] | string | \* |  |
| [][status] | string | \* | Status of payment execution: {'active'|'close'|'flagged'} |
| [][type] | string | \* | {'recurring'|'one\_time'|'immediate'} |
| [][rent] | string | \* |  |
| [][amount] | string | \* |  |
| [][other] | string | \* |  |
| [][variable\_recurring\_limit] | string | \* |  |
| [][day] | integer | \* |  |
| [][deliver\_date] | string | \* | Optional. Returned only if supported. Format "YYYY-MM-DDThh:mm:ss" |
| [][month] | integer | \* | Get startMonth |
| [][year] | integer | \* | Get startYear |
| [][end\_month] | integer | \* | Get endMonth |
| [][end\_year] | integer | \* | Get endYear |
| [][paid\_for] | string | \* | Format:"YYYY-mm" |
| [][fee] | double | \* |  |
| [][execute\_date] | string | \* | Format "YYYY-MM-DDThh:mm:ss" |
| [][payment\_account] | object (PaymentAccount) | \* |  |
| [][payment\_account][id] | integer | \* |  |
| [][payment\_account][url] | string | \* |  |
| [][payment\_account][nickname] | string | \* |  |
| [][payment\_account][type] | string | \* |  |
| [][payment\_account][last\_four] | string | \* |  |
| [][payment\_account][expiration] | string | \* | Format: "YYYY-mm" |
| [][payment\_account][institution\_id] | string | \* |  |
| [][payment\_account][plaid\_account] | boolean | \* |  |
| [][payment\_account][card\_brand] | string | \* |  |

**Step 4 :**

BCM will send back the re connect to plaid status response to the invoker.

**Response Payload:**

{  
 "id": 1211051506,  
 "url": "https://my.sandbox.rt-stg.com/api/tenant/payment\_accounts/1211051506",  
 "nick\_name": "Plaid Checking",  
 "type": "bank",  
 "last\_four": "0000",  
 "institution\_id": "ins\_3",  
 "plaid\_account": true,  
 "reconnect\_to\_plaid": false,  
 "historical\_update\_complete": false  
}

**Clarifications**:

**Code / Framework References**

**Misc:**